Filing Date: September 19, 2003

Title: INFORMATION MANAGEMENT SYSTEM AND METHOD FOR AN IMPLANTABLE MEDICAL DEVICE

## IN THE CLAIMS

Please amend the claims as follows:

- 1. (Currently Amended) An information management A system comprising:
  - a. an-implantable medical device adapted to sense and transmit patient health data;
  - b. a patient management system adapted to store and analyze patient-health data;
  - e. a recognition module adapted to uniquely identify a person authorized to access patient health data; and
  - [[d.]] <u>a.</u> an information access portal <u>adapted configured</u> to convey patient health data and other information to an authorized, uniquely identified person, the <u>information access portal comprising:</u>

an interface to a patient management system, the patient management system configured to store and analyze patient health data; and

an interface to an implantable medical device, the implanted medical device configured to sense and transmit patient health data to the patient management system and comprising a proximity recognition system; and

- a recognition module, separate from the implantable medical device, and
  configured to detect the proximity recognition system in the implantable medical
  device, uniquely identify the implantable medical device using the proximity
  recognition system, and authorize access to a person implanted with the
  implantable medical device to the information access portal.
- 2. (Canceled)
- 3. (Canceled)
- 4. (Currently Amended) The Advanced Patient Management system of claim [[2]] 1, wherein the <u>patient management</u> system is remote from the information access portal.

Title: INFORMATION MANAGEMENT SYSTEM AND METHOD FOR AN IMPLANTABLE MEDICAL DEVICE

- 5. (Original) The system of claim 1, wherein the recognition module comprises a fingerprint recognition system.
- 6. (Original) The system of claim 1, wherein the recognition module comprises a security access card system.
- 7. (Original) The system of claim 1, wherein the recognition module comprises a bar code scanning system.
- 8. (Original) The system of claim 1, wherein the recognition module comprises a voice recognition system.
- 9. (Original) The system of claim 1, wherein the recognition module comprises a facialidentification system.
- 10. (Original) The system of claim 1, wherein the recognition module comprises a retinal scan recognition system.
- 11. (Canceled)
- 12. (Canceled)
- 13. (Original) The system of claim 1, wherein the information access portal conveys information.
- 14. (Currently Amended) The conveyed information system of claim 13, wherein the conveyed information is conveyed in a multi-media presentation.
- 15. (Currently Amended) The multi-media presentation system of claim 14, wherein the multi-media presentation comprises audio, video and tactile presentations.

16. (Original) The system of claim 1, wherein the information access portal conveys physiometric information.

- 17. (Currently Amended) The conveyed physiometric information system of claim 16, wherein the physiometric information is conveyed in a multi-media presentation.
- 18. (Currently Amended) The multi-media presentation system of claim 17, wherein the multi-media presentation comprises audio, video and tactile presentations.
- 19. (Currently Amended) The physiometric information system of claim 16, wherein the physiometric information comprises static information.
- 20. (Currently Amended) The physiometric information system of claim 16, wherein the physiometric information comprises trended information.
- 21. (Original) The system of claim 1, wherein the information access portal conveys other information.
- 22. (Currently Amended) The conveyed other information system of claim 21, wherein the other information is conveyed in a multi-media presentation.
- 23. (Currently Amended) The multi-media presentation system of claim 22, wherein the multi-media presentation comprises audio, video and tactile presentations.
- 24. (Currently Amended) The <del>conveyed other information</del> system of claim 21, wherein the person can configure the <u>other</u> information.
- 25. (Currently Amended) The conveyed other information system of claim 21, wherein the conveyed other information comprises reports of current events, stock prices, weather, sports,

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economic and other information at least one of: a current event report, a stock price, a weather report, a sports report, and an economic report.

- 26. (Original) The system of claim 1, wherein the information access portal comprises a home interface system.
- 27. (Currently Amended) The home interface system of claim 26, wherein the home interface system comprises a personal computing device.
- 28. (Currently Amended) The home interface system of claim 26, wherein the home interface system comprises a portable personal computing device.
- 29. (Original) The system of claim 1, wherein the information access portal comprises a kiosk.
- 30. (Currently Amended) The system of claim 1, wherein the information access portal comprises an ATM-like system a publicly available terminal.
- 31. (Currently Amended) The access portal system of claim 29, wherein the access portal is publicly available.
- 32. (Canceled)
- 33. (Currently Amended) An information management A system comprising:
  - a. an implantable medical device adapted to sense and transmit patient health data comprising a proximity recognition system;
  - an Advanced Patient Management system adapted to store patient health data and analyze patient health data using clinically derived algorithms in a manner consistent with a standard of medical care;

Title: INFORMATION MANAGEMENT SYSTEM AND METHOD FOR AN IMPLANTABLE MEDICAL DEVICE

the proximity recognition system and authorize personal access to an information portal; and

[[d.]] <u>a.</u> a publicly accessible information access portal <u>adapted configured</u> to convey patient health data and other information to an authorized, uniquely identified person in a multi-media presentation, the <u>publicly accessible</u> information access portal comprising:

an interface to a patient management system configured to store patient health data and analyze patient health data using at least one clinically derived procedure consistent with a standard of medical care; and

an interface to an implantable medical device configured to sense and transmit patient health data comprising a proximity recognition system; and

- a recognition module configured to detect the proximity recognition system in the implantable medical device, uniquely identify the implantable medical device using the proximity recognition system, and authorize access to a person implanted with the implantable medical device to the publicly accessible information access portal.
- 34. (Currently Amended) A method for an information management system to convey conveying information to a person comprising the steps of:
  - a. automatically identifying the person; detecting, at an electronic recognition module, a proximity recognition system in an implantable medical device implanted in the person;
  - b. granting the automatically identified person access to a publicly accessible information access portal when the electronic recognition module positively identifies the person as one with a right to access the publicly accessible information access portal;
  - c. conveying information in the form of physiometric data to the automatically identified person through the information access portal; and

d. conveying other information to the automatically identified person through the information access portal.

- 35. (Original) The method of claim 34, wherein the step of automatically identifying a person comprises the prior step of implanting an identifiable medical device within the person.
- 36. (Currently Amended) The method of claim 34, wherein the method comprises the further comprising the step of allowing the automatically identified person to enter information into the access portal.
- 37. (Original) The method of claim 34, wherein the step of automatically identifying a person comprises the further step of identifying the person using a fingerprint recognition system.
- 38. (Original) The method of claim 34, wherein the step of automatically identifying a person comprises the further step of identifying the person using a security access card system.
- 39. (Original) The method of claim 34, wherein the step of automatically identifying a person comprises the further step of identifying the person using a bar code scanning system.
- 40. (Original) The method of claim 34, wherein the step of automatically identifying a person comprises the further step of identifying the person using a voice recognition system.
- 41. (Original) The method of claim 34, wherein the step of automatically identifying a person comprises the further step of identifying the person using a facial-identification system.
- 42. (Original) The method of claim 34, wherein the step of automatically identifying a person comprises the further step of identifying the person using a retinal scan recognition system.

- 44. (Original) The method of claim 34, wherein the step of automatically identifying a person comprises the further step of identifying a patient.
- 45. (Original) The method of claim 34, wherein the step of automatically identifying a person comprises the further step of identifying a clinician.
- 46. (Original) The method of claim 34, wherein the step of automatically identifying a person comprises the further step of identifying a person authorized to access the access portal.
- 47. (Original) The method of claim 34, wherein the step of conveying physiometric data comprises the further step of conveying static physiometric data.
- 48. (Original) The method of claim 34, wherein the step of conveying physiometric data comprises the further step of conveying trended physiometric data.
- 49. (Original) The method of claim 34, wherein the step of conveying physiometric data comprises the further step of conveying data in a multi-media format.
- 50. (Original) The method of claim 34, wherein the step of conveying other information comprises the further step of conveying information in a multi-media format.
- 51. (Currently Amended) The conveyed multi-media format method of claim 49, wherein the conveyed format step of conveying data comprises the further step of presenting audio, video and tactical presentations.
- 52. (Currently Amended) The eonveyed multi-media format method of claim 50, wherein the conveyed format step of conveying data comprises the further step of presenting audio, video and tactical presentations.

Title: INFORMATION MANAGEMENT SYSTEM AND METHOD FOR AN IMPLANTABLE MEDICAL DEVICE

53. (Currently Amended) The method of claim 34, wherein the step of conveying physiometric data comprises the further step of conveying data comprising cardiovascular data, electro-chemical data, blood chemistry data, temperature data, wedge pressure data, oxygen saturation data, weight data, subjective well-being data, blood pressure data, EKG data [[and]] or other physiological or psychological data.

- 54. (Original) The method of claim 34, wherein the step of conveying physiometric data comprises the further step of comparing the physiometric data of the person to the physiometric data from a population of persons.
- 55. (Canceled)
- 56. (Currently Amended) The method of claim 54, The step of comparing a person's physiometric data to the physiometric data from a population of persons of claim 55, wherein the step of comparing the physiometric data of the person to the physiometric data from the population of persons further comprises comparing the physiometric data of the person to the physiometric data from a population of persons with a health profile similar to the person.
- 57. (Currently Amended) The method of claim 54, The step of comparing a person's physiometric data to the physiometric data from a population of persons of claim 55, wherein the step of comparing the physiometric data of the person to the physiometric data from the population of persons further comprises comparing the physiometric data of the person to the physiometric data from a population of persons, [[said]] the population physiometric data being selected by the person.
- 58. (Currently Amended) The method of claim 54, The step of comparing a person's physiometric data to the physiometric data from a population of persons of claim 55, wherein the step of comparing the physiometric data of the person to the physiometric data from the population of persons further comprises comparing the physiometric data of the person to the

Filing Date: September 19, 2003

Title: INFORMATION MANAGEMENT SYSTEM AND METHOD FOR AN IMPLANTABLE MEDICAL DEVICE

physiometric data from a population of persons, [[said]] the population physiometric data being selected by a clinician.

- 59. (Currently Amended) The method of claim 54, The step of comparing a person's physiometric data to the physiometric data from a population of persons of claim 55, wherein the step of comparing the physiometric data of the person to the physiometric data from the population of persons further comprises comparing the physiometric data of the person to the physiometric data from a population of persons, [[said]] the population physiometric data being selected by another person so authorized to compare and select [[said]] the data.
- 60. (Original) The method of claim 34, wherein the step of conveying other data comprises the further step of conveying data comprising reports of current events, stock prices, weather, sports, economic and other information.
- 61. (Canceled)